(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Print date: 01/15/2004

and soil name	Pct. of map unit	manure and food   processing was	l <b>–</b>	Application of sewage sludg	е	Disposal of   wastewater   by irrigation	ı
	     	Rating class and   limiting features 		Rating class and   limiting features 		Rating class and limiting features	Value
AgB: Allegheny	    100     	    Somewhat limited   Too acid   	      0.01 	 	11.00	surface application	      0.68 
	 	 		Too acid 	0.03 	Too acid 	0.03 
AgC: Allegheny	  100   	  Somewhat limited   Slope 	  0.63 	  Very limited   Low adsorption 	11.00	  Very limited   Too steep for   surface   application	11.00
	     	Too acid   	0.01	Slope 	0.63		0.78
	 	   	; 	   Too acid 	0.03		0.03
CaC: Clymer	1100	  Somewhat limited		  Very limited		  Very limited	
Clymer		Slope	0.84	<del>=</del>	11.00	· · · · · · · · · · · · · · · · · · ·	11.00
	İ	Too acid	0.73	Too acid	11.00	Too acid	11.00
	   	Droughty   	0.46   	Slope   	0.84	Too steep for   sprinkler   application	0.90   
	İ I	 	 	Droughty	0.46		0.46
CDD: Clymer	   50   	  Very limited   Slope 	    1.00	  Very limited   Low adsorption 	    1.00	  Very limited   Too steep for   surface	    1.00
	 	   Too acid 	0.73	   Slope 	11.00	sprinkler	11.00
	 	   Droughty 	10.53	   Too acid   Droughty	11.00		11.00
Dekalb	   30   	  Very limited   Slope 	11.00	  Very limited   Low adsorption 	1 1.00	surface	11.00
	   	   Droughty 	11.00	   Slope 	11.00	sprinkler	11.00
	   	   Filtering   capacity	  1.00 	I	  1.00 		11.00
	 	Depth to bedrock	0.46	Filtering   capacity	11.00	Filtering   capacity	11.00
		   Too acid	0.43		0.99		0.99

Table AWM-1.--Agricultural Waste Management--Continued

* *	Pct.   of  map  unit	manure and food processing was	_	Application   of sewage sludg 	е	Disposal of   wastewater   by irrigation 	
	   	   Rating class and   limiting features		   Rating class and   limiting features		   Rating class and   limiting features	
Other soils	20 11	l Not rated l	·	 Not rated	·	 Not rated	·
		Not rated; Slope   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >   250mm   Not rated;   Fragments 75 to   250mm		Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >   250mm   Not rated;   Fragments 75 to   250mm		Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; pH     Not rated;   Fragments 75 to   250mm	               
CDE:			Ì				Ì
Clymer	45	<del>-</del>		Very limited   Low adsorption   	11.00	Very limited   Too steep for   surface   application	11.00
	,     	   Too acid   	0.73	Slope   	1.00	· • •	1.00
	 	Droughty	0.53		11.00	Too acid	1.00  0.53
Dekalb	30     	  Very limited   Slope 		  Very limited   Low adsorption 		  Very limited   Too steep for   surface   application	1.00
	 	   Droughty   	11.00	Slope   	11.00		1.00
	i I	capacity	11.00	İ	1.00	Droughty 	1.00
		Depth to bedrock	0.46 	Filtering   capacity	11.00	Filtering   capacity	11.00
	į	Too acid	0.43		0.99		0.99
Other soils	25               	Not rated   Not rated; Slope   Not rated; Ksat   Not rated; Ksat   Not rated; Fragments > 250mm   Not rated; Fragments 75 to 250mm	 	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; Fragments > 250mm   Not rated; Fragments 75 to 250mm	 	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; pH     Not rated;   Fragments 75 to   250mm	
CDF: Clymer	   40 	    Very limited   Slope 	    1.00	    Very limited   Low adsorption 	      1.00	    Very limited   Too steep for   surface	1 1.00
	   	   Too acid 	  0.73 	   Slope 	  1.00 	sprinkler	1.00
	 	   Droughty 	0.53		11.00		11.00
Dekalb	35	  Very limited		  Very limited		  Very limited	

Table AWM-1.--Agricultural Waste Management--Continued

and soil name	of   of   nap   nit	manure and food processing was	_	Application of sewage sludg	е	Disposal of wastewater by irrigation	ı
	   	Rating class and limiting features		   Rating class and   limiting features		   Rating class and   limiting features	Value
	   	Slope	1.00	   Low adsorption 	1.00	   Too steep for   surface	11.00
	   	Droughty	  1.00 	   Slope 	11.00	application   Too steep for   sprinkler   application	11.00
	   	Filtering capacity	11.00	   Droughty 	11.00		11.00
İ	İ	Depth to bedrock	0.46	Filtering   capacity	11.00	capacity	11.00
		Too acid	0.43 	Too acid 	0.99 	Too acid 	0.99 
Other soils	25               	Not rated Not rated; Slope Not rated; Ksat Not rated; Ksat Not rated; Fragments > 250mm Not rated; Fragments 75 to 250mm	           	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >   250mm   Not rated;   Fragments 75 to   250mm	  -  -  -  -  -	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; pH     Not rated;   Fragments 75 to   250mm	
CoB:   Coolville 1	.00   	Restricted permeability Depth to saturated zone	1.00	Restricted permeability	  1.00  1.00  1.00  0.99  0.95	permeability Too acid  Depth to saturated zone	  1.00    0.99    0.95    0.68
CoC:   Coolville 1	   00.   			  Very limited   Low adsorption 	11.00	surface	11.00
           		Depth to saturated zone Slope Too acid	  0.95    0.63  0.43 	permeability Too acid	1.00    0.99  0.95    0.63	permeability   Too acid   Depth to   saturated zone	1.00    0.99  0.95    0.78
CrC3:   Coolville 1   	   00.     	Very limited Restricted permeability	      1.00 	    Very limited   Low adsorption   	      1.00 	    Very limited   Too steep for   surface   application	      1.00
 	 	Depth to saturated zone Slope Too acid	0.95    0.63  0.43	permeability   Too acid	1.00    0.99  0.95	Restricted   permeability   Too acid	1.00    0.99  0.95

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct.   of  map  unit	manure and food processing was	_	Application of sewage sludg		Disposal of wastewater by irrigatio	
		Rating class and   limiting features		Rating class and   limiting features		<del>.</del>	
	     	     	       	   Slope   	0.63	Too steep for   sprinkler   application	0.78     
Ct: Cotaco	   95 	Depth to   saturated zone	11.00	Ī	1.00 	İ	11.00
	   	Too acid   	0.73   	•	1.00    0.40	Depth to   saturated zone 	1.00   
Melvin	   5             	Not rated   Not rated; Slope   Not rated; Ksat   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments > 250mm   Not rated;   Fragments 75 to 250mm	 	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; Fragments > 250mm   Not rated; Fragments 75 to 250mm	 	   Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Fast   Not rated; PH   Not rated;   Fragments 75 to   250mm	
Dm:		 		 		 	
Dumps	100                 	Not rated   Not rated; Slope   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >   250mm   Not rated;   Fragments 75 to   250mm	 	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >   250mm   Not rated;   Fragments 75 to   250mm	 	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; pH     Not rated;   Fragments 75 to   250mm	
FL: Fluvaquents	   95       	Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >	i I	  Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat	i I	  Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat	
	         	250mm   Not rated;   Fragments 75 to   250mm   Not rated; pH	         	Not rated;   Fragments >   250mm   Not rated;   Fragments 75 to   250mm	         	   Not rated; pH     Not rated;   Fragments 75 to   250mm	
Melvin	   5       	  Not rated   Not rated; Slope   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >   250mm		Z300mm		Zadimin	

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct.   of  map  unit	manure and food processing was	-	Application of sewage sludg	е	Disposal of wastewater by irrigation	
		Rating class and   limiting features		Rating class and   limiting features		Rating class and   limiting features	
	       	Not rated;   Fragments 75 to   250mm	 	Not rated;   Fragments 75 to   250mm	 	Not rated;   Fragments 75 to   250mm	
GlC: Gilpin	 - 100 	  Somewhat limited   Slope 	    0.84 	  Very limited   Low adsorption 		surface	    1.00
		   Too acid   Droughty 	  0.73  0.58		11.00		11.00
	 	Depth to bedrock   	0.46	Droughty   Depth to bedrock	0.58  0.46	Droughty	0.58  0.46
GlD: Gilpin	 - 100 	  Very limited   Slope 		  Very limited   Low adsorption 	11.00	surface	11.00
		   Too acid 	0.73	Slope	11.00	application   Too steep for   sprinkler   application	11.00
	; 	Droughty   Depth to bedrock 	0.58		1.00  0.58  0.46	Too acid   Droughty	1.00  0.58  0.46
GlE: Gilpin	 - 100 	  Very limited   Slope 	    1.00	  Very limited   Low adsorption 	11.00	  Very limited   Too steep for   surface   application	11.00
	     	Too acid   	0.73	Slope	11.00	= =	11.00
		Droughty   Depth to bedrock   	0.58  0.46 	•	1.00  0.58  0.46	Too acid   Droughty	1.00  0.58  0.46
GpC: Gilpin	 -  45 	  Somewhat limited   Slope 	0.84	  Very limited   Low adsorption 	11.00	surface	11.00
		   Too acid   Droughty 	0.73  0.58		11.00	Too steep for sprinkler	11.00
	   	   Depth to bedrock   	0.46	Droughty   Depth to bedrock	  0.58  0.46	'	0.58  0.46
Upshur	- i 45 	Very limited   Restricted   permeability	11.00	Very limited   Low adsorption	11.00	surface	11.00
	   	   Slope 	  0.84 	Restricted   permeability	  1.00 	application   Restricted   permeability	  1.00 

Table AWM-1.--Agricultural Waste Management--Continued

and soil name	Pct.  Of  Map  unit	manure and food: processing was:	-	Application   of sewage sludg 	е	Disposal of wastewater by irrigation	
	     	   Rating class and   limiting features 		   Rating class and   limiting features 		   Rating class and   limiting features 	Value
	   	   Droughty	0.63	   Slope	0.84	Too steep for   sprinkler	0.90
	   	   Runoff limitation   Too acid	  0.40  0.22		  0.77  0.63	application   Too acid   Droughty	  0.77  0.63
Other soils	   10           	Not rated   Not rated; Slope   Not rated; Ksat   Not rated; Ksat   Not rated; Fragments >   250mm	 	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >   250mm		  Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; pH	           
	     	Not rated;   Fragments 75 to   250mm	     	Not rated;   Fragments 75 to   250mm	     	Not rated;   Fragments 75 to   250mm	     
GpD: Gilpin	   50   	•	    1.00 	  Very limited   Low adsorption 	    1.00	surface	    1.00
	     	   Too acid   	  0.73 	   Slope 	1.00	application   Too steep for   sprinkler   application	11.00
	'     	Droughty Depth to bedrock	0.58 0.46		11.00	Too acid   Droughty	11.00
Upshur	   35   	  Very limited   Slope 	    1.00 	  Very limited   Low adsorption 	11.00	  Very limited   Too steep for   surface   application	11.00
	     	Restricted   permeability	  1.00 	   Slope   	11.00		11.00
	   	Droughty Runoff limitation	0.63    0.40	permeability	1.00	Restricted   permeability	1.00    0.77
Other soils	 	Too acid 	0.22 		0.63 		0.63
other sorrs	13         	Not rated; Slope   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >   250mm		Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; Ksat   Not rated; Fragments > 250mm	         	Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; pH 	         
	     	Not rated;   Fragments 75 to   250mm	     	Not rated;   Fragments 75 to   250mm	     	Not rated;   Fragments 75 to   250mm	
GRE: Gilpin	   50     	<del>-</del>	    1.00 	  Very limited   Low adsorption   	    1.00 	  Very limited   Too steep for   surface   application	    1.00 

Table AWM-1.--Agricultural Waste Management--Continued

and soil name	Pct.  Pct.   of  map  unit	manure and food: processing was:	-	Application   of sewage sludg   	е	Disposal of wastewater by irrigation	1
	     	   Rating class and   limiting features		   Rating class and   limiting features 		   Rating class and   limiting features 	Value
	       	   Too acid 	    0.73 	   Slope 	1.00	   Too steep for   sprinkler   application	11.00
	   	Droughty Depth to bedrock	0.58	Droughty	11.00	Too acid   Droughty	11.00
	 	 	 	Depth to bedrock 	10.46	Depth to bedrock	10.46
Upshur	25   	Very limited   Slope 	  1.00 	Very limited   Low adsorption 	11.00	Very limited   Too steep for   surface   application	11.00
	   	Restricted   permeability	  1.00 	Slope 	1.00		11.00
	   	   Droughty 	  0.63 	   Restricted   permeability	11.00	· • •	1.00
	 	Runoff limitation   Too acid	0.40	•	0.77		10.77
Other soils	   25       	  Not rated   Not rated; Slope   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >   250mm		  Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >   250mm	 	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; pH	
	       	Not rated;   Fragments 75 to   250mm	       	Not rated;   Fragments 75 to   250mm	     	Not rated;   Fragments 75 to   250mm	     
GRF: Gilpin	   55   		    1.00	  Very limited   Low adsorption	    1.00	  Very limited   Too steep for   surface	    1.00
	     	   Too acid 	    0.73 	   Slope 	11.00	application	11.00
	     	Droughty   Depth to bedrock 	  0.58  0.46 		0.58	Too acid Droughty	1.00  0.58  0.46
Other soils	   25         	Not rated; Slope Not rated; Ksat Not rated; Ksat Not rated; Ksat Fragments >		Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >	         	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; pH	
	     	250mm   Not rated;   Fragments 75 to   250mm	     	250mm   Not rated;   Fragments 75 to   250mm		   Not rated;   Fragments 75 to   250mm	
Upshur	   20   		    1.00 	  Very limited   Low adsorption 	    1.00	  Very limited   Too steep for   surface	    1.00

Table AWM-1.--Agricultural Waste Management--Continued

* *	Pct. of map unit	manure and food: processing was:	-	Application   of sewage sludg 	е	Disposal of wastewater by irrigation	l
	   	   Rating class and   limiting features		   Rating class and   limiting features		   Rating class and   limiting features	Value
		Restricted   permeability	1.00	   Slope 	1.00	sprinkler	1.00
	   	   Droughty 	  0.63 	Restricted   permeability	11.00	application   Restricted   permeability	11.00
	 	Runoff limitation Too acid	0.40	Too acid	0.77	Too acid	0.77
GsC3:	 	 	 	 		 	 
Gilpin	45     	Somewhat limited   Slope   	  0.84 	Very limited   Low adsorption   	  1.00 	Very limited   Too steep for   surface   application	11.00
	<u> </u>	   Too acid	0.73	Too acid	11.00	= =	11.00
	 	Droughty   	0.58   	Slope   	0.84	Too steep for   sprinkler   application	0.90 
	i I	Depth to bedrock	0.46	Droughty Depth to bedrock	0.58	Droughty	0.58
Upshur	I I 45	  Very limited	 	  Very limited	1	  Very limited	1
12.5	 	=	1.00	<del>-</del>	1.00	Too steep for   surface	1.00
	 	   Slope	0.84	Restricted	11.00	application   Restricted	11.00
	 	   Droughty 	  0.63 	permeability   Slope 	  0.84 	permeability   Too steep for   sprinkler   application	  0.90 
	 	   Runoff limitation   Too acid	0.40		0.77	Too acid	0.77
Other soils	   10         	Not rated   Not rated; Slope   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >   250mm	 		i I	  Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; pH	
	 	Not rated;		Not rated;		   Not rated;	
		Fragments 75 to   250mm	 	Fragments 75 to   250mm		Fragments 75 to   250mm	
GsD3: Gilpin	     50	    Very limited	   	    Very limited	   	    Very limited	   
	 	Slope   	1.00 	Low adsorption 	1.00	Too steep for   surface   application	11.00
	     	   Too acid   	  0.73 	Slope   	1.00		1.00
	į		0.58		1.00	Too acid	11.00
	 	Depth to bedrock   	0.46 	Droughty   Depth to bedrock	0.58  0.46		0.58  0.46
Upshur	35     	=	    1.00   	  Very limited   Low adsorption   	1 1.00	  Very limited   Too steep for   surface   application	11.00

Table AWM-1.--Agricultural Waste Management--Continued

• •	Pct.   of  map  unit	manure and food- processing was		Application   of sewage sludg 	е	Disposal of wastewater by irrigation	ı
	     	   Rating class and   limiting features 		Rating class and   limiting features		Rating class and   limiting features	Value   
	       	Restricted	1.00	   Slope 	11.00	Too steep for   sprinkler   application	11.00
	 	   Droughty 	0.63	Restricted permeability	1.00	Restricted   permeability	11.00
		Runoff limitation   Too acid	0.40		0.77		0.77  0.63
Other soils	   15             	Not rated   Not rated; Slope   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >   250mm   Not rated;   Fragments 75 to		Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments > 250mm   Not rated;   Fragments 75 to	         	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; pH     Not rated;   Fragments 75 to	
GuE3:	 	250mm   	   	250mm 		250mm 	   
Gilpin	50   	  Very limited   Slope 	  1.00 	  Very limited   Low adsorption 	1.00	Very limited   Too steep for   surface   application	11.00
		Too acid   	0.73	Slope 	11.00		11.00
	 	Droughty   Depth to bedrock 	0.58 0.46		1.00  0.58  0.46	Too acid   Droughty	1.00  0.58  0.46
Other soils	   25               	Not rated   Not rated; Slope   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments > 250mm   Not rated;   Fragments 75 to 250mm	 	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; Fragments > 250mm   Not rated; Fragments 75 to 250mm	         	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; pH     Not rated;   Fragments 75 to   250mm	
Upshur	   25 	<del>-</del>	    1.00	  Very limited   Low adsorption	    1.00	  Very limited   Too steep for	    1.00
	 	 	    1.00	 	    1.00	surface application Too steep for	1 1.00
		permeability	 	I I		sprinkler   application	 
	   	Droughty     Runoff limitation	0.63    0.40	permeability	1.00    0.77	permeability	1.00    0.77
	 		0.22	•	0.63		0.63
HaA: Hackers	   95   	  Somewhat limited   Too acid 	    0.11 	  Somewhat limited   Too acid   Flooding	  0.42  0.40		    0.42

Table AWM-1.--Agricultural Waste Management--Continued

and soil name	Pct.   Application of   of   manure and food-   map   processing waste   unit			   Application   of sewage sludg   	е	   Disposal of   wastewater   by irrigation	ı
	   			   Rating class and   limiting features 			Value
Melvin	5           	Not rated   Not rated; Slope   Not rated; Ksat   Not rated; Ksat   Not rated; Fragments > 250mm   Not rated; Fragments 75 to	           	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; Fragments > 250mm   Not rated; Fragments 75 to	 	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; pH     Not rated; Fragments 75 to	
	   	250mm 	   	250mm 	   	250mm	   
HaB:   Hackers  	  100   			  Somewhat limited   Too acid   	0.42	  Somewhat limited   Too steep for   surface   application	    0.68 
	i I	 	 	   Flooding 	0.40	Too acid	0.42
KaA: Kanawha	   95 	  Somewhat limited   Too acid 		Too acid		  Somewhat limited   Too acid 	    0.67
Melvin	5	Not rated     Not rated; Slope     Not rated; Ksat     Not rated; Ksat     Not rated;     Fragments > 250mm     Not rated;     Fragments 75 to 250mm	 	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; Fragments > 250mm   Not rated; Fragments 75 to 250mm	 	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; pH     Not rated; Fragments 75 to   250mm	
KaB:							
Kanawha    	   				  0.67   	Somewhat limited   Too steep for   surface   application	  0.68   
 		 		Flooding 	0.40	Too acid 	0.67
Laidig	  100 	_	11.00	  Very limited   Slope 	11.00	  Very limited   Too steep for   surface   application	11.00
		Restricted permeability	0.81	   Too acid 	11.00	Too steep for   sprinkler	11.00
	   	   Too acid 	0.73	   Restricted   permeability	  0.68	application   Too acid 	11.00
		   Depth to   saturated zone   	0.24     		0.24     	   Restricted   permeability   Depth to   saturated zone	0.68
LaE:	 	  -	 	 	 	<u> </u>	 

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct.   of  map  unit	manure and food processing was	_	Application of sewage sludg		Disposal of wastewater by irrigation	ı
	     	=		   Rating class and   limiting features		=	
	   	     Slope	11.00	   Slope	11.00	surface	11.00
	     	   Restricted   permeability 	  0.81 	   Too acid   	11.00	application   Too steep for   sprinkler   application	11.00
	į	Too acid	0.73	Restricted   permeability	0.68		11.00
		   Depth to   saturated zone   	0.24     	=	0.24	Restricted   permeability   Depth to   saturated zone	0.68
LdB: Laidig	   95 	Restricted		  Very limited   Too acid	1 1.00	  Very limited   Too acid	1 1.00
	   	permeability   Too acid 	  0.73 	Restricted   permeability	  0.68 	   Too steep for   surface	  0.68 
	       	   Depth to   saturated zone   	  0.24   	   Depth to   saturated zone   	  0.24   	application   Restricted   permeability   Depth to   saturated zone	  0.68    0.24
Andover	   5   1         	Not rated   Not rated; Slope   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments > 250mm   Not rated;   Fragments 75 to	 	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments > 250mm   Not rated;   Fragments 75 to	 	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; pH	
LdC:	   	250mm   	 	250mm   	 	250mm   	   
Laidig		Somewhat limited   Restricted   permeability 		Very limited   Too acid   		Very limited   Too steep for   surface   application	  1.00 
	1	Too acid 	0.73 	Restricted   permeability	0.68 	Too acid 	1.00 
	 	Slope   	0.63   	Slope   	0.63   	Too steep for   sprinkler   application	0.78   
	       	Depth to   saturated zone 	0.24   	Depth to saturated zone	0.24	Restricted   permeability   Depth to   saturated zone	0.68    0.24
Andover	   5       	   Not rated   Not rated; Slope   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >   250mm	           	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >   250mm	           	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; pH	

Table AWM-1.--Agricultural Waste Management--Continued

and soil name	Pct.  Of  map  unit	manure and food processing was	-	Application of sewage sludg	е	Disposal of wastewater by irrigation	
	   	   Rating class and   limiting features		Rating class and   limiting features		   Rating class and   limiting features	Value
	       	Not rated;   Fragments 75 to   250mm	       	Not rated; Fragments 75 to 250mm	       	Not rated;   Fragments 75 to   250mm	       
MgB: Monongahela	   95             	Depth to saturated zone Restricted permeability	  0.95    0.81  0.50 	   Depth to   saturated zone	  1.00    0.95    0.68	   Depth to   saturated zone	  1.00    0.95    0.68    0.68
Robertsville	   5           	Not rated   Not rated; Slope   Not rated; Ksat   Not rated; Ksat   Not rated; Fragments > 250mm   Not rated; Fragments 75 to 250mm		Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; Fragments > 250mm   Not rated; Fragments 75 to 250mm	           	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; pH       Not rated; Fragments 75 to   250mm	                 
MgC: Monongahela	   100   1   1   1   1   1   1   1		           0.95           0.81 	Depth to saturated zone Restricted permeability	     	Depth to saturated zone Too steep for sprinkler application	   1.00   1.00   1.00   1.0.95   1.0.78   1.0.68
Mo: Moshannon Melvin	 		0.60               		11.00		 
Qu: Quarries	  100	    Not rated	 	  Not rated	 	    Not rated	

Table AWM-1.--Agricultural Waste Management--Continued

	Pct.   of  map  unit	manure and food- processing waste		   Application   of sewage sludge   		Disposal of wastewater by irrigation	
	     	=		Rating class and   limiting features		=	Value
	;                 	Not rated; Slope Not rated; Ksat Not rated; Ksat Not rated; Fragments > 250mm Not rated; Fragments 75 to 250mm	         	Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; Fragments > 250mm   Not rated;   Fragments 75 to 250mm	  -  -  -  -	Not rated; AWC Not rated; Ksat Not rated; Ksat Not rated; pH  Not rated; Fragments 75 to 250mm	 
Se: Senecaville	   95         	Depth to saturated zone Flooding	0.95 	Depth to saturated zone	1.00    0.95	saturated zone   Flooding 	  0.95    0.60    0.42
Melvin	   5           	Not rated   Not rated; Slope   Not rated; Ksat   Not rated; Ksat   Not rated; Fragments > 250mm   Not rated; Fragments 75 to 250mm	 	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; Fragments > 250mm   Not rated; Fragments 75 to 250mm	 	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; pH       Not rated; Fragments 75 to   250mm	
Sn: Sensabaugh	     95 			<del>-</del>		    Somewhat limited   Flooding	10.60
Melvin	   5             	Not rated   Not rated; Slope   Not rated; Ksat   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments > 250mm   Not rated;   Fragments 75 to 250mm	           	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments > 250mm   Not rated;   Fragments 75 to 250mm	 	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; pH     Not rated;   Fragments 75 to   250mm	
Ty: Tyler	   95             	Restricted permeability Depth to saturated zone Dense layer	1.00    1.00    1.00  0.43	saturated zone   Restricted   permeability   Too acid	  1.00    1.00    0.99	saturated zone Restricted permeability	  1.00    1.00    0.99
Robertsville	   5     	  Not rated   Not rated; Slope   Not rated; Ksat   Not rated; Ksat	Ì	  Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat	İ	  Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat	       

Map symbol and soil name	Pct.   of  map  unit	manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and   limiting features	Value	Rating class and   limiting features	Value	Rating class a	
		Not rated; Fragments > 250mm Not rated; Fragments 75 to 250mm	           	Not rated;   Fragments > 250mm   Not rated;   Fragments 75 to 250mm	 	Not rated; pH  Not rated;  Not rated; Fragments 75 250mm	   
UA:	i	İ	I	İ	İ	I	i
Udifluvents	95         	Not rated   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >   250mm	         	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat 	         	Not rated   Not rated; AW   Not rated; Ks   Not rated; Ks 	at
	 	Not rated; Fragments 75 to 250mm	   	Not rated;   Fragments >   250mm	     	Not rated; pH	
	     	Not rated; pH     	     	Not rated;   Fragments 75 to   250mm	     	Not rated;   Fragments 75   250mm 	to     
Melvin	·   5           	Not rated   Not rated; Slope   Not rated; Ksat   Not rated; Ksat   Not rated; Fragments > 250mm   Not rated; Fragments 75 to	             	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >   250mm   Not rated;   Fragments 75 to	 	Not rated   Not rated; AW   Not rated; Ks   Not rated; Ks   Not rated; pH     Not rated;   Fragments 75	at   at       
UB:	 	250mm   	     	250mm	   	250mm 	
Udifluvents	100	Not rated   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >	       	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat 	 	Not rated   Not rated; AW   Not rated; Ks   Not rated; Ks	at
	     	250mm   Not rated;   Fragments 75 to   250mm   Not rated; pH	       	Not rated;   Fragments >   250mm   Not rated;	     	   Not rated; pH       Not rated;	
	     		     	Fragments 75 to   250mm	! 	Fragments 75   250mm	to   
UC:		I		I	1	I	İ
Udorthents, smoothed	50         	Not rated; Slope   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >   250mm	         	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; Fragments > 250mm	           	Not rated   Not rated; AW   Not rated; Ks   Not rated; Ks   Not rated; pH	at   at
	     	Not rated;   Fragments 75 to   250mm	     	Not rated;   Fragments 75 to   250mm	     	Not rated;   Fragments 75   250mm	to   
Urban land	30	Not rated		Not rated		  Not rated	İ

Map symbol and soil name	Pct.   of  map  unit	manure and food-   processing waste		Application of sewage sludg	е	Disposal of wastewater by irrigation		
	   	   Rating class and   limiting features	Value	Rating class and   limiting features		   Rating clas   limiting fe		Value
- <del></del>	¦	Not rated; Slope		Not rated; AWC	¦	   Not rated;	AWC	<u> </u>
	i	Not rated; Ksat	İ	Not rated; Ksat	i	Not rated;		i
		Not rated; Ksat		Not rated; Ksat	1	Not rated;	Ksat	1
	   	Not rated;   Fragments >   250mm	   	Not rated;   Fragments >   250mm		Not rated; 	рН	
	i	Not rated;	i I	Not rated;	i	Not rated;		i
	i I	Fragments 75 to   250mm		Fragments 75 to   250mm		Fragments   250mm	75 to	<u>.</u> !
Other soils	20	  Not rated		  Not rated		  Not rated		
		Not rated; Slope		Not rated; AWC	1	Not rated;	AWC	
		Not rated; Ksat		Not rated; Ksat		Not rated;	Ksat	1
		Not rated; Ksat		Not rated; Ksat		Not rated;		1
	!	Not rated;		Not rated;		Not rated;	На	
	1	Fragments > 250mm		Fragments > 250mm	1	 		1
	i	Not rated;	 	Not rated;	1	Not rated;		i
	i	Fragments 75 to	İ	Fragments 75 to	i	Fragments	75 to	i
		250mm		250mm		250mm		
UD:	Ϊ.					 		i
Udorthents	95			Not rated		Not rated		1
	1	Not rated; Slope		Not rated; AWC		Not rated;		1
	1	Not rated; Ksat   Not rated; Ksat	 	Not rated; Ksat   Not rated; Ksat	1	Not rated;   Not rated;		1
	i	Not rated; NSat	 	Not rated; RSat		Not rated;		
	 	Fragments >   250mm	 	Fragments > 250mm	i I		F	i I
		Not rated;		Not rated;		Not rated;		1
		Fragments 75 to   250mm		Fragments 75 to   250mm		Fragments   250mm	75 to	
Wet minesoil	5	  Not rated		  Not rated		  Not rated		
		Not rated; Slope		Not rated; AWC		Not rated;		1
		Not rated; Ksat		Not rated; Ksat		Not rated;		
	1	Not rated; Ksat   Not rated;	 	Not rated; Ksat   Not rated;	1	Not rated;   Not rated;		1
	i	Fragments >	 	Fragments >		Not lacea,	Pii	i
	i	250mm	İ	250mm	i	I		i
		Not rated;		Not rated;	1	Not rated;		1
		Fragments 75 to   250mm	 	Fragments 75 to   250mm	 	Fragments   250mm	75 to	
Ue:		 	 	 	 	 		 
Urban land	100			Not rated		Not rated		
		Not rated; Slope		Not rated; AWC		Not rated;		
	1	Not rated; Ksat   Not rated; Ksat	 	Not rated; Ksat   Not rated; Ksat	1	Not rated;   Not rated;		1
	l I	Not rated; Ksat   Not rated;	ı İ	Not rated; Ksat   Not rated;	I	Not rated;   Not rated;		1
	İ	Fragments >	İ	Fragments >			r	İ
		250mm		250mm	1			1
		Not rated;		Not rated;	1	Not rated;	75 +-	1
		Fragments 75 to   250mm		Fragments 75 to   250mm		Fragments   250mm	13 60	
Uf:		 	 	 		 		
Urban land	50	Not rated		Not rated	1	Not rated		
	1	Not rated; Slope		Not rated; AWC	1	Not rated;	AWC	

and soil name	Pct. of map unit	of   manure and food-   map   processing waste		Applicati of sewage sl		Disposal of   wastewater   by irrigation		
 		   Rating class and   limiting features		   Rating class and   limiting feature		   Rating class and   limiting features	Val	
		   Not rated; Ksat	<u> </u>	Not rated; Ksa	 F	   Not rated; Ksat	_¦	
i		Not rated; Ksat	i	Not rated; Ksa		Not rated; Ksat	i	
i		Not rated;	İ	Not rated;	i	Not rated; pH	i	
I		Fragments >		Fragments >	1	1	1	
I		250mm		250mm	1		- 1	
		Not rated;		Not rated;		Not rated;	- [	
 		Fragments 75 to   250mm		Fragments 75   250mm	to   	Fragments 75 to   250mm		
  Fluvaquents	3.0	  Not rated		  Not rated		  Not rated		
I Tavaqueries	50	Not rated; Slope		Not rated; AWC		Not rated; AWC	i	
i		Not rated; Ksat		Not rated; Ksa		Not rated; Ksat	i	
i		Not rated; Ksat		Not rated; Ksa		Not rated; Ksat	i	
		Not rated;		Not rated;		Not rated; pH		
I		Fragments >		Fragments >	1		- 1	
		250mm	1	250mm			- [	
		Not rated;		Not rated;		Not rated;	!	
		Fragments 75 to   250mm		Fragments 75	to   	Fragments 75 to   250mm		
ا  Other soils	15	  Not rated	1	  Not rated	l I	  Not rated		
		Not rated; Slope		Not rated; AWC	i	Not rated; AWC	i	
İ		Not rated; Ksat		Not rated; Ksa	t İ	Not rated; Ksat	İ	
I		Not rated; Ksat		Not rated; Ksa	t	Not rated; Ksat		
I		Not rated;		Not rated;	I	Not rated; pH		
		Fragments >		Fragments >				
		250mm		250mm		1 37.1	!	
ļ		Not rated;   Fragments 75 to	1	Not rated;   Fragments 75	 	Not rated;   Fragments 75 to	-	
		250mm		250mm		250mm		
ا  Melvin	5	  Not rated	1	  Not rated	l I	  Not rated		
İ		Not rated; Slope	İ	Not rated; AWC	į	Not rated; AWC	İ	
I		Not rated; Ksat		Not rated; Ksa	t	Not rated; Ksat	1	
I		Not rated; Ksat		Not rated; Ksa	t	Not rated; Ksat	-	
		Not rated;	1	Not rated;		Not rated; pH	- !	
		Fragments >   250mm		Fragments >	l			
		250mm   Not rated;	1	250mm   Not rated;	l I	   Not rated;		
i		Fragments 75 to	i	Fragments 75	to I	Fragments 75 to	i	
į		250mm	į	250mm		250mm	į	
   Jk:		 		! 		! 		
Urban land	65	Not rated	1	Not rated		Not rated		
		Not rated; Slope		Not rated; Ksa		Not rated; Ksat		
!		Not rated; Ksat		Not rated; Ksa	t	Not rated; Ksat	!	
		Not rated; Ksat		Not rated;		Not rated; pH	-	
		 	I I	Fragments 75   250mm	LU	 		
		Not rated;	İ	Not rated; pH		Not rated;		
		Fragments 75 to	İ	1.00 1000a, pii	i	Fragments 75 to	i	
İ		250mm	İ	i İ	i	250mm	į	
İ		Not rated; pH		Not rated; Slo	pe	Not Rated; Slope	1	
  Kanawha	25	ı  Somewhat limited	I	  Somewhat limited	 	  Somewhat limited		
- *-::*-			0.18		0.67		0.6	
		<del></del> I		Flooding	0.40			
l			:		:	:		

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct.  Pct.   of  map  unit	manure and food- processing waste		   Application   of sewage sludge 		   Disposal of   wastewater   by irrigation 	
	     	   Rating class and   limiting features		   Rating class and   limiting features		   Rating class a   limiting featu	
	           	Not rated; Slope   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >   250mm		Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >   250mm	           	Not rated; AN Not rated; Ks   Not rated; Ks   Not rated; pl	sat   sat
	   	Not rated;   Fragments 75 to   250mm	   	Not rated; Fragments 75 to 250mm	 	Not rated; Fragments 75 250mm	5 to   
Other soils          	   5         	  Not rated   Not rated; Slope   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >   250mm	 	  Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >   250mm	İ	  Not rated   Not rated; As   Not rated; Ks   Not rated; ps 	sat   sat
	     	Not rated;   Fragments 75 to   250mm	     	Not rated;   Fragments 75 to   250mm	     	Not rated; Fragments 75	5 to
Ut: Urban land	   65       	  Not rated   Not rated; Slope   Not rated; Ksat   Not rated; Ksat	ĺ	  Not rated   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments 75 to		  Not rated   Not rated; K:   Not rated; K:   Not rated; p!	sat
	       	   Not rated;   Fragments 75 to   250mm   Not rated; pH	I	250mm   Not rated; pH       Not rated; Slope	     	Not rated; Fragments 75 250mm Not Rated; S	1
Tyler	   20             	Restricted   permeability   Depth to   saturated zone   Dense layer	1.00    1.00    1.00  0.43		1.00    1.00 	saturated zo	1.00 y
Other soils	   10             		 	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; Fragments > 250mm   Not rated;   Fragments 75 to 250mm		Not rated   Not rated; AV   Not rated; K: Not rated; K: Not rated; PV   Not rated; PV   Not rated; PV   Not rated; PV   Fragments 75   250mm	sat   sat   H   
Robertsville	   5     	Not rated   Not rated; Slope   Not rated; Ksat   Not rated; Ksat		Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat	       	  Not rated   Not rated; AV   Not rated; KS   Not rated; KS	sat

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct.   of  map  unit	manure and food-   processing waste		Application   of sewage sludge 		Disposal of wastewater by irrigation	
	   	Rating class and   limiting features		   Rating class and   limiting features		   Rating class and   limiting features	
	     		     	Not rated;   Fragments >   250mm	   	   Not rated; pH 	     
	 	Not rated;   Fragments 75 to   250mm	     	Not rated;   Fragments 75 to   250mm		Not rated;   Fragments 75 to   250mm	     
VaB:		 	 	 	1	 	1
Vandalia	100		    0.81	  Somewhat limited   Too acid	0.91	  Somewhat limited   Too acid	0.91
		Runoff limitation	0.40	Restricted permeability	0.68	surface	0.68
	   	   Too acid 	  0.32 	 		application   Restricted   permeability	0.68
VaC:							
Vandalia	100		'	Somewhat limited   Too acid 	0.91	surface	11.00
		   Slope	  0.63	•	0.68	application   Too acid	0.91
	   	   Runoff limitation 	  0.40 	permeability   Slope 	0.63	   Too steep for   sprinkler	0.78
 	   	   Too acid 	  0.32 	 	 	application   Restricted   permeability	  0.68 
VaD:	1	 	 	 		 	
Vandalia	100	Very limited	' 	  Very limited	i	  Very limited	
	   	Slope   	1.00   	Slope   	1.00   	Too steep for   surface   application	1.00   
		Restricted permeability	0.81	Too acid	0.91	= =	1.00
	   	Runoff limitation	0.40		0.68	Too acid	0.91
	 	Too acid   	0.32   	 		Restricted   permeability 	0.68   
VaE: Vandalia	1100	    Von: limited	 	    Vom: limited	į	    Very limited	į
Vandalla		Slope	  1.00 	Very limited   Slope 	11.00	Too steep for surface	11.00
	   	   Restricted   permeability	  0.81 	   Too acid 	0.91	application   Too steep for   sprinkler	11.00
	   	   Runoff limitation 	  0.40 	   Restricted   permeability	  0.68 	application   Too acid 	  0.91 
		Too acid 	0.32	-   		Restricted permeability	0.68
VdC3:	    100	 	 	 		    Very limited	

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct.   of  map  unit	manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		   Rating class and   limiting features 		Rating class and   limiting features		   Rating class and   limiting features 	Value
	     	Restricted   permeability	0.81	   Too acid 	0.91	Too steep for   surface   application	11.00
	 	Slope	0.63	Restricted   permeability	0.68	Too acid	0.91
	 	Runoff limitation	0.40 	Slope	0.63	Too steep for sprinkler application	0.78
		Too acid	0.32			Restricted   permeability	0.68
VdD3: Vandalia	  - 100 	•	      1.00	  Very limited   Slope	1 1.00	    Very limited   Too steep for   surface	1 1.00
		   Restricted   permeability	  0.81 	Too acid	0.91	application Too steep for sprinkler	11.00
		Runoff limitation	0.40	Restricted   permeability	0.68	application   Too acid	0.91
		Too acid	0.32	permeability		Restricted   permeability	0.68
VdE3: Vandalia	  - 100 	· · · · · · · · · · · · · · · · · · ·	      1.00	  Very limited   Slope	1   1.00	  Very limited   Too steep for   surface	1 1.00
	     	Restricted   permeability	  0.81 	   Too acid   	  0.91 	application   Too steep for   sprinkler   application	11.00
	İ	Runoff limitation	İ	Restricted permeability	0.68	Too acid 	0.91 
	   	Too acid   	0.32   	 		Restricted   permeability 	0.68   
VeB: Vincent	  - 100             	Restricted   permeability   Depth to   saturated zone	  1.00  1.00  0.43    0.02	permeability   Depth to   saturated zone	  1.00    0.43    0.07		  1.00    0.43    0.08
VeC: Vincent	 - 100     	permeability	  1.00    0.43	permeability	  1.00    0.43	permeability Too steep for surface	  1.00    1.00
		Slope	  0.04 	Too acid	  0.07 	application   Depth to   saturated zone	  0.43 

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	  Pct.   of  map  unit	manure and food-   processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
	     	Rating class and   limiting features 		   Rating class and   limiting features 		Rating class and   limiting features 	Value   
	         	   Too acid       	  0.02     	   Slope     	  0.04     	Too steep for sprinkler application Too acid	  0.22      0.07
VnC3:	i	İ	İ	i I	İ	İ	i
Vincent	100			Very limited		Very limited	
		permeability	11.00	permeability	1.00 	permeability	11.00
	   	Depth to   saturated zone 	0.43   	Depth to   saturated zone 	0.43   	Too steep for   surface   application	1.00   
		Slope 	0.04 	Too acid 	0.07 	Depth to   saturated zone	0.43 
	 	Too acid	0.02 	Slope   	0.04	Too steep for sprinkler application	0.22 
	İ	 	 	 	i i	Too acid	0.07
W:	i		i	' 	i		i
Water	100               	Not rated   Not rated; Slope   Not rated; Ksat   Not rated; Ksat   Not rated; Fragments > 250mm   Not rated; Fragments 75 to 250mm		Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated;   Fragments >   250mm   Not rated;   Fragments 75 to   250mm	           	Not rated   Not rated; AWC   Not rated; Ksat   Not rated; Ksat   Not rated; pH     Not rated;   Fragments 75 to   250mm	                 
	l	I		I		I	